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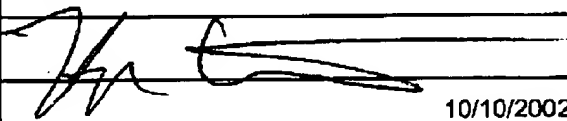
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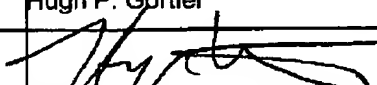
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/815,141
	Filing Date	03/21/2001
	First Named Inventor	Huggett
	Group Art Unit	2838
	Examiner Name	R. Patel
Total Number of Pages in This Submission	Attorney Docket Number	H0001680

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PATENT
Docket No. H0001680

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Huggett et al.

: Confirmation No. 4849

Serial No. 09/815,141
Filed: March 21, 2001

: Examiner R. Patel
: Group Art Unit: 2838

For: ACTIVE FILTER FOR POWER DISTRIBUTION SYSTEM WITH
SELECTABLE HARMONIC ELIMINATION

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AMENDMENT AFTER FINAL

TECHNOLOGY CENTER 2800

Please replace claim 18 with the following.

18. An active filter for a power distribution system, the system including a power bus, the filter comprising:

- an inverter;
- means for generating a plurality of different voltage commands, each voltage command corresponding to a different harmonic current;
- means for summing the different voltage commands with a voltage command representing inverter voltage; and
- means, responsive to the summing means, for controlling the inverter to function as a current controlled-current source that injects harmonic currents into the power bus such that the voltage on the power bus contains only a fundamental component.

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